

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|--|---|------------------|---------|---------------------|
| L1    | 7    | (autoregressiv\$5 OR (auto ADJ2 regressiv \$5)) AND (pole SAME plane) AND (("EEG" OR electroenceph\$ OR brain) SAME (sensing OR sensor\$3 OR electrode OR meter\$3 OR transducer OR monitor\$3 OR probe OR measur\$6 OR biosensing OR biosensor\$3 OR bioelectrode OR biometer\$3 OR biotransducer)) | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2010/12/15<br>14:06 |
| L2    | 7    | (autoregressiv\$5 OR (auto ADJ2 regressiv \$5)) AND (pole SAME plane) AND 1  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2010/12/15<br>14:06 |
| L3    | 7    | ((transform\$6 OR domain) NEAR5 ("z")) AND (pole SAME plane) AND (("EEG" OR electroenceph\$ OR brain) SAME (sensing OR sensor\$3 OR electrode OR meter\$3 OR transducer OR monitor\$3 OR probe OR measur\$6 OR biosensing OR biosensor\$3 OR bioelectrode OR biometer\$3 OR biotransducer))          | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2010/12/15<br>14:14 |
| L4    | 4    | 3 NOT 1  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2010/12/15<br>14:15 |

|    |    |   |   |    |     |                  |
|----|----|---|---|----|-----|------------------|
| L5 | 4  | ((transform\$6 OR domain) NEAR5 ("z")) AND (pole SAME plane) AND 4  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON  | 2010/12/15 14:15 |
| L6 | 16 | (US-20060135879-\$ or US-20040049484-\$ or US-20100204604-\$ or US-20100249638-\$). did. or (US-6549804-\$ or US-6067467-\$ or US-5797853-\$ or US-5083571-\$ or US-5010891-\$ or US-6658287-\$ or US-5687291-\$).did. or (WO-2004064633-\$ or WO-2007140536-\$ or WO-2007140535-\$). did. or (WO-2004064633-\$ or WO-2007140535-\$).did. | US-PGPUB; USPAT; EPO; DERWENT                   | OR | ON  | 2010/12/15 14:17 |
| L7 | 8  | ("20040049484"   "5010891"   "5083571"   "5687291"   "5797853"   "6067467"   "6549804"   "6658287").PN.   | US-PGPUB; USPAT                                 | OR | OFF | 2010/12/15 14:17 |
| L8 | 3  | 6 NOT 7   | US-PGPUB; USPAT                                 | OR | OFF | 2010/12/15 14:17 |
| L9 | 27 | ((transform\$6 OR domain) NEAR5 ("z")) AND (pole AND plane) AND (("EEG" OR electroenceph\$ OR brain) SAME (sensing OR sensor\$3 OR electrode OR meter\$3 OR transducer OR monitor\$3 OR probe OR measur\$6 OR biosensing OR biosensor\$3 OR bioelectrode OR biometer\$3 OR biotransducer))  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | ON  | 2010/12/15 14:18 |

|     |    |  |   |    |     |                     |
|-----|----|--|---|----|-----|---------------------|
| L10 | 27 | ((transform\$6 OR domain) NEAR5 ("z")) AND (pole AND plane) AND 9  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2010/12/15<br>14:19 |
| L11 | 20 | 9 NOT 3 NOT 1  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2010/12/15<br>14:19 |
| L12 | 20 | ((transform\$6 OR domain) NEAR5 ("z")) AND (pole AND plane) AND 11   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2010/12/15<br>14:25 |
| L13 | 19 | (US-20060135879-\$ or US-20040049484-\$ or US-20100204604-\$ or US-20100249638-\$ or US-20040101048-\$). did. or (US-6549804-\$ or US-6067467-\$ or US-5797853-\$ or US-5083571-\$ or US-5010891-\$ or US-6658287-\$ or US-5687291-\$ or US-7729755-\$ or US-7565193-\$).did. or (WO-2004064633-\$ or WO-2007140536-\$ or WO-2007140535-\$). did. or (WO-2004064633-\$ or WO-2007140535-\$).did. | US-PGPUB;<br>USPAT; EPO;<br>DERWENT                         | OR | ON  | 2010/12/15<br>14:32 |
| L14 | 6  | 13 NOT 7   | US-PGPUB;<br>USPAT  | OR | OFF | 2010/12/15<br>14:32 |
| L15 | 3  | (US-20040101048-\$). did. or (US-7729755-\$ or US-7565193-\$).did.   | US-PGPUB;<br>USPAT  | OR | ON  | 2010/12/15<br>14:32 |

**EAST Search History (Interference)**

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**12/ 15/ 10 2:33:06 PM**C:\Documents and Settings\NNatnithihadha\My Documents\ EAST\ Workspaces\ FY2010  
\ 10542549.wsp